

ADVANCED PRODUCT DATA SHEET



MFR 12

Density 900

PROPELINAS HOMOPOLYMER H500NG

Polypropylene Homopolymer

DESCRIPTION

PROPELINAS HOMOPOLYMER H500NG is a polypropylene homopolymer used for general purpose injection moulding applications. It exhibits good flow and stiffness. Suitable for food contact.

CHARACTERISTICS include:

- Medium flow
- Medium stiffness

APPLICATIONS include:

- Furniture
- Housewares

Product Properties	Test Method	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	12
Flexural Modulus	ISO 178	MPa	1300
Tensile Stress at Yield	ISO 527	MPa	32
Izod Notched at 23°C min (*)	ISO 180/1A	kJ/m ²	2.5

(*) Injection moulding procedure for specimen as per ISO 180/1A

Typical Processing Conditions

N/A

ADVANCED PRODUCT DATA SHEET



MFR 12

Density 900 **PROPELINAS HOMOPOLYMER H500NG**

Polypropylene Homopolymer

AVAILABILITY

PROPELINAS HOMOPOLYMER H500NG is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

STORAGE/HANDLING

PROPELINAS HOMOPOLYMER H500NG should be properly stored in well ventilated environment at a temperature of below 50°C. Prolonged or improper storage can result in deterioration of product properties. The PETRONAS Chemicals Safety Data Sheet (SDS) contains important safety information and should be viewed before using the product.

HEALTH & SAFETY

PROPELINAS HOMOPOLYMER H500NG is not classified as a dangerous preparation. Please refer to our Safety Data Sheet (SDS) for details on various aspects of safety, recovery and disposal of the product.

PRODUCT STEWARDSHIP

PETRONAS aims to increase awareness of all the hazards associated with the storage, handling and use of its products. Thoroughly reviewing the accompanying Safety Data Sheets and disseminating the information to all dependent and interested parties is an essential part of any 'Responsible Care' programme.

RELATED DOCUMENTS

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

- Safety Data Sheet (SDS)
- Statement on chemicals, regulations and standards

FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**, Level 34, Tower 1, PETRONAS TWIN TOWER, KLCC, 50088 KUALA LUMPUR, MALAYSIA.

Tel: +(603) 2051 5000 Fax: +(603) 2051 1501 or visit our website www.petronaschemicals.com

IMPORTANT NOTICE

Information contained in this document is accurate and reliable to the best of the knowledge and belief of PETRONAS Chemicals Group Berhad (PCGB). The suggestions and recommendations offered herein serve as a guide in the use of these materials, and cannot be guaranteed because the conditions of use are beyond PCGB's control. PCGB assumes no responsibility for the use of information supplied, the application, adaptation or processing of the products described herein and here by disclaims all liability (except as otherwise provided by the law) in regard to such use.